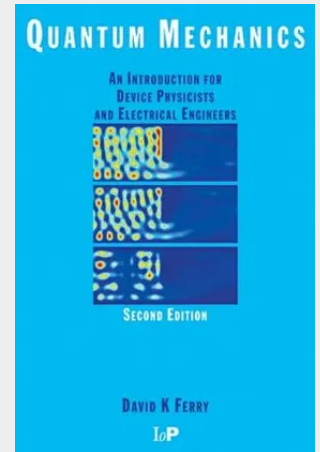


Ferry

Quantum Mechanics

An Introduction for Device Physicists and Electrical Engineers, Second Edition

This textbook provides a complete course in quantum mechanics for students of semiconductor device physics and electrical engineering. It provides the necessary background to quantum theory for those starting work on micro- and nanoelectronic structures and is particularly useful for those going on to work with semiconductors and lasers. This book was developed from a course the author has taught for many years with a style and order of presentation of material specifically designed for this audience. It introduces the main concepts of quantum mechanics which are important in everyday solid-state physics and electronics. Each topic includes examples which have been carefully chosen to draw upon relevant experimental research. It also includes problems with solutions to test understanding of theory. For the second edition significant new material has been added to each chapter, providing updated connections with relevant experiments and device concepts. New references and new problems are included.



Auf Anfrage

Nicht mehr lieferbar

Artikelnummer: 9780750307253

Medium: Buch

ISBN: 978-0-7503-0725-3

Verlag: Taylor & Francis

Erscheinungstermin: 01.01.2001

Sprache(n): Englisch

Auflage: 2. Auflage 2001

Produktform: Kartoniert

Gewicht: 660 g

Seiten: 345

Format (B x H): 156 x 234 mm

